

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
KRAMER et al.) Applications

Serial No. Not Assigned)

Filed:)

For: USE OF CHROMAN DERIVATIVES IN COSMETIC OR
DERMATOLOGICAL PREPARATIONS

PRELIMINARY AMENDMENT

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Prior to examination, kindly amend the above-identified application as follows.

IN THE CLAIMS

Please amend the claims as shown in the attached sheets.

REMARKS

The claims have been amended to eliminate multiple dependency. No new matter has been added. A clean copy of the claims is attached.

Entry of the above amendment is respectfully solicited.

Respectfully submitted,

KEIL & WEINKAUF

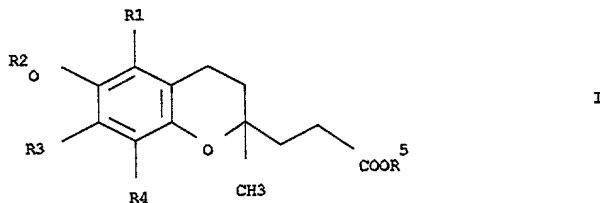


Herbert B. Keil
Reg. No. 18,967

1101 Connecticut Ave., N.W.
Washington, D.C. 20036
(202)659-0100

CLEAN VERSION OF AMENDED CLAIMS - OZ 0050/52049

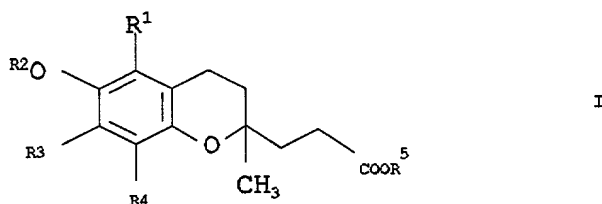
4. The use as claimed in claim 1 for prophylaxis against aging processes of the human skin.
6. The use as claimed in claim 1 for prophylaxis against aging processes of human hair.
7. The use as claimed in claim 1, wherein at least one of the compounds of the formula I is present in an effective content in cosmetic preparations.
9. A cosmetic preparation for protecting the human epidermis or human hair, which comprises, in a cosmetically suitable carrier, a cosmetically effective amount of at least one of the compounds of the formula I



in which the substituents R¹ to R⁵ have the meanings defined according to claim 1.

MARKED UP VERSION OF AMENDED CLAIMS - OZ 0050/52049

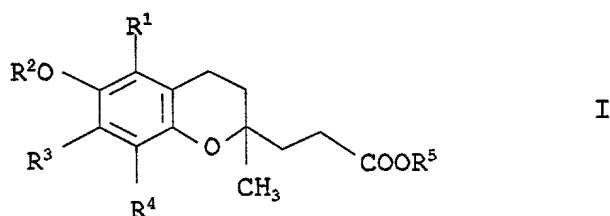
4. The use as claimed in claim 1 [any of claims 1 to 3] for prophylaxis against aging processes of the human skin.
6. The use as claimed in claim 1 [any of claims 1 to 3] for prophylaxis against aging processes of human hair.
7. The use as claimed in claim 1 [any of claims 1 to 6], wherein at least one of the compounds of the formula I is present in an effective content in cosmetic preparations.
9. A cosmetic preparation for protecting the human epidermis or human hair, which comprises, in a cosmetically suitable carrier, a cosmetically effective amount of at least one of the compounds of the formula I



in which the substituents R¹ to R⁵ have the meanings defined according to claim 1 [either claim 1 or 2].

CLAIMS AS FILED - OZ 52049

1. The use of chroman derivatives of the formula I,



in which the substituents, independently of one another, have the following meanings:

R¹ is hydrogen, C₁-C₁₂-alkyl,

R² is hydrogen, C₁-C₁₂-acyl,

R³ and R⁴

are hydrogen, C₁-C₁₂-alkyl,

R⁵ is hydrogen, C₁-C₁₂-alkyl, aryl

in cosmetic or dermatological preparations.

2. The use of chroman derivatives as claimed in claim 1, in which

R¹ is hydrogen, C₁-C₃-alkyl,

R² is hydrogen, C₁-C₃-acyl,

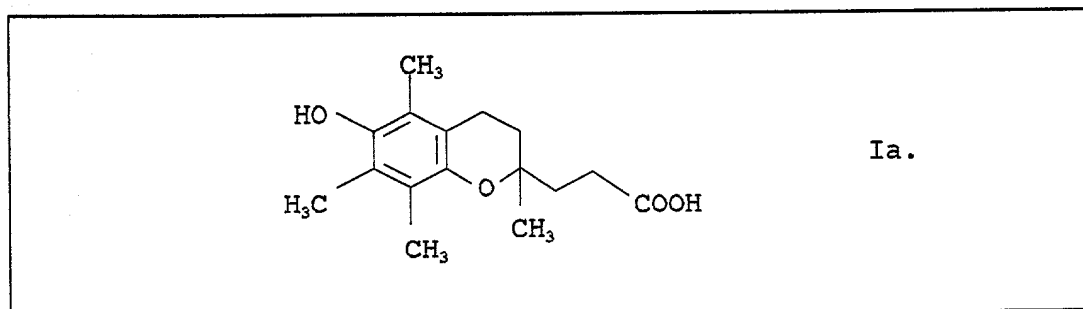
R³ and R⁴

are C₁-C₃-alkyl and

R⁵ is hydrogen, C₁-C₃-alkyl.

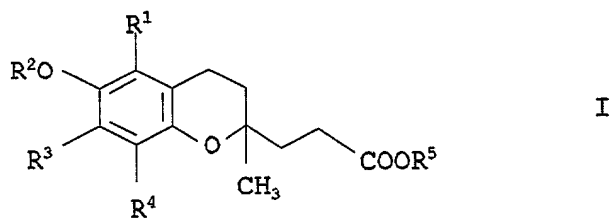
CLAIMS AS FILED - OZ 52049

3. The use of a chroman derivative as claimed in claim 1 having the formula Ia



4. The use as claimed in claim 1 for prophylaxis against aging processes of the human skin.
5. The use as claimed in claim 4 for prophylaxis against dry skin, wrinkle formation and/or pigment disorders.
6. The use as claimed in claim 1 for prophylaxis against aging processes of human hair.
7. The use as claimed in claim 1, wherein at least one of the compounds of the formula I is present in an effective content in cosmetic preparations.
8. The use as claimed in claim 7, wherein at least one of the compounds of the formula I is present in concentrations of from 0.01 to 30% by weight, based on the total amount of the cosmetic preparation.
9. A cosmetic preparation for protecting the human epidermis or human hair, which comprises, in a cosmetically suitable carrier, a cosmetically effective amount of at least one of the compounds of the formula I

CLAIMS AS FILED - OZ 52049



in which the substituents R¹ to R⁵ have the meanings defined according to claim

1.

10. A cosmetic preparation as claimed in claim 9, comprising a cosmetically effective amount of the compound of the formula Ia

